

Claims

1. A humanized polynucleotide, said polynucleotide encoding *R. reniformis* GFP.
2. The humanized polynucleotide of claim 2, wherein said polynucleotide comprises the sequence of SEQ ID NO: 3.
3. A recombinant vector comprising a polynucleotide of any one of claims 1-3.
4. A cell containing a recombinant vector of claim 4.
5. A method of producing *R. reniformis* GFP comprising the steps of:
 - a) introducing a recombinant vector comprising a humanized polynucleotide sequence encoding *R. reniformis* GFP to a cell;
 - b) culturing the cell of step (a); and
 - c) isolating *R. reniformis* GFP from said cell.
6. The method of claim 6, wherein said humanized sequence encoding *R. reniformis* has the sequence shown in SEQ ID NO: 3.
7. The method of claim 6 wherein said cell is a bacterial cell.
8. The method of claim 6 wherein said cell is a eukaryotic cell.
9. The method of claim 10 wherein said eukaryotic cell is a mammalian cell.
10. The method of claim 11 wherein said mammalian cells are human.